4 Event Counting and Storage 8 ~ EVA Waveform Generation Unit EVA Waveform Generation Unit Pattern Classifier k-means 28 8 62 63 Filter Bank Filter Bank FIGI Pattern Recognizer Neural Network 7 7 77 13 Pre-processing and. Filtering Unit Cancellation Unit Active Noise Cancellation Unit 36 Active Noise 31 ► Logarithmic Converter Feature Extractor Wavelet 92 3 26 Converter A/D Converter Converter 8 8 8/1

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Respiration Sensor

Ambient Sound Sensor



